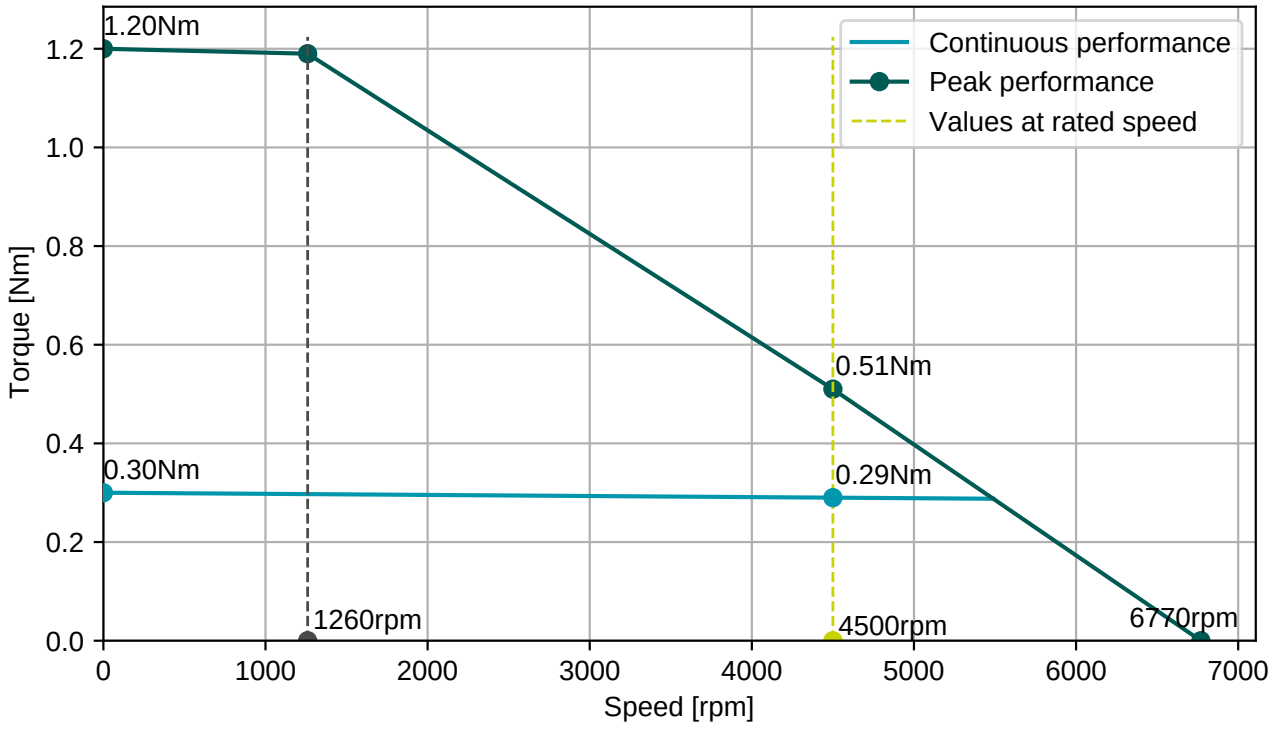
Engineering data (WIN -100024)		
DC bus voltage	48	V DC
Nominal AC voltage	30	V AC (rms)
Rated voltage	26	V AC (rms)
Rated power	137	W
Rated speed	4500	rpm
Rated torque	0.29	Nm
Rated current	4.13	A (rms)
Peak torque	1.2	Nm
Peak current	17.73	A (rms)
Stall torque	0.3	Nm
Stall current	4.12	A (rms)
No load speed	6770	rpm
EMF constant ±10%	4.4	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.07	Nm / A (rms)
Torque constant ±10% @ rated load	0.07	Nm / A (rms)
Number of poles	6	
Electrical time constant	0.42	ms
Winding terminal resistance	1.14	Ω
Rotary field terminal inductance	0.48	mH

Customs info	
HS Code	85015100

Mechanical data (setting 48)		
Max mechanical speed	12000	rpm
Mech. time constant	2.61	ms
Thermal time constant	22	min
Rotor inertia	0.07	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	0.7	kg

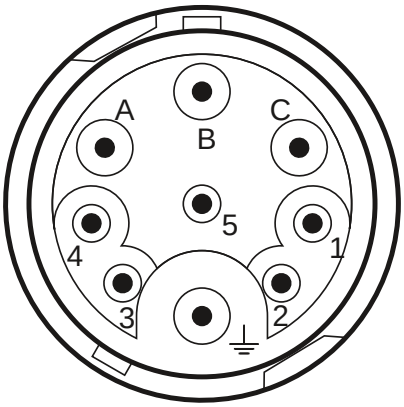
Sensors	
Temperature	PT1000 {PT1000}
Feedback	EDS35 (HDSL) single-turn, 24 bits

Torque / speed curve

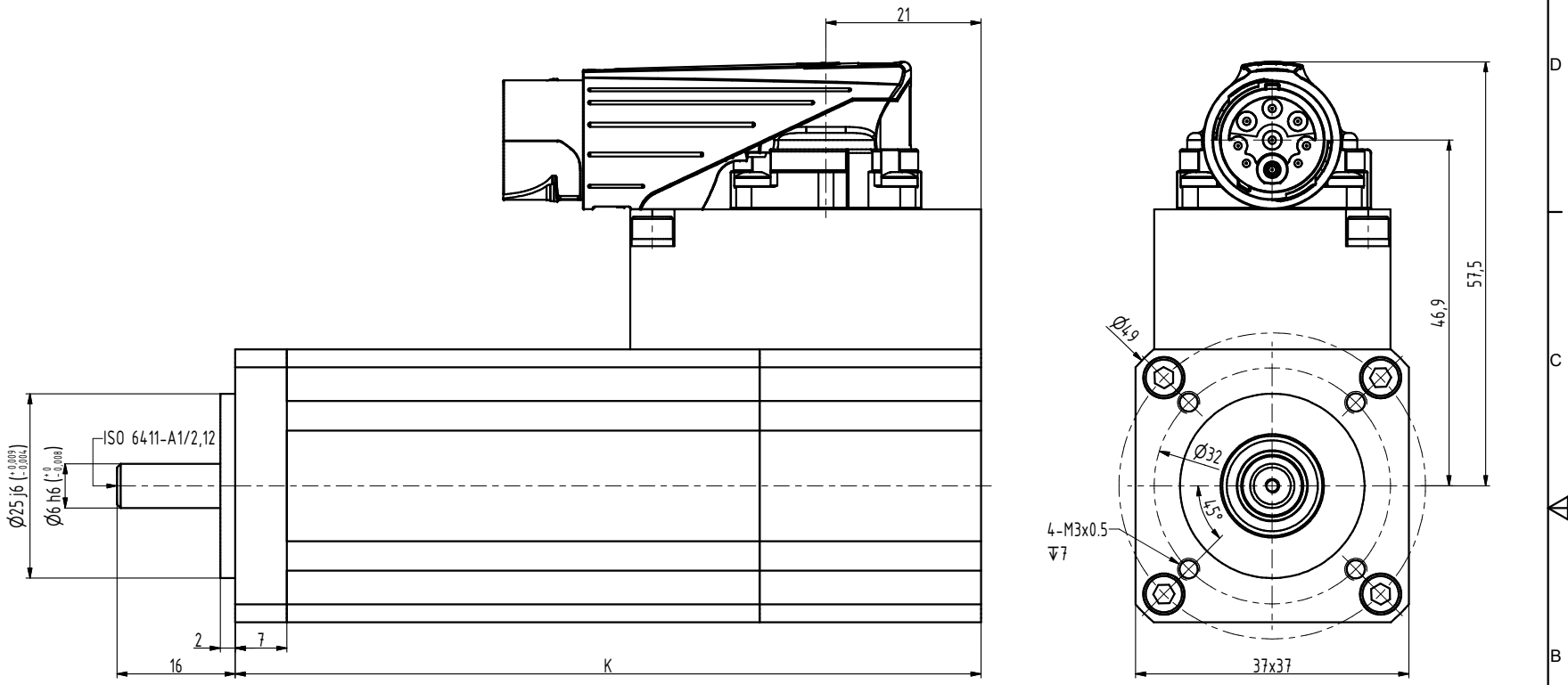


EGA201N00000800000

M15, 9 poles, rotary



Connector 1 (304)	
A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-
3	+Us/DSL+
4	GND/DSL-



TYP	K
S1-0010	86
S1-0020	101
S1-0030	116

INDEX	ZMĚNA	DATUM	PODPIS

ZN.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
POM. ZAŘ.				ČSN	TŘ.Č.
VYPR. Šimík		NORM.REF.		POZN.	Č. KUSOVNÍKU
PŘEKR. Ošlejšek 21.10.2020					
TECHNOL.		SCHVÁLIL Weis	08.01.2019	STARÝ V.	Č.V.

NÁZEV

Motor S1

S1037 00 Z

Listů List